

CLAIMS:

1. A method for controlling asset allocation of a consumer terminal, the method comprising:
 - receiving input data into at least one scalable media algorithm;
 - processing the input data through at least one scalable media algorithm; and
 - determining at least one quality indicator value, for an amount of data processed, associated with the scalable media algorithm based on the processing for the scalable media algorithm.
2. The method of claim 1, further comprising:
 - distributing assets to the algorithm based on the quality indicator values.
3. The method of claim 1, wherein determining at least one quality indicator value associated with the scalable media algorithm is based on the amount of processing and processed data.
4. The method of claim 1, wherein the processing is priority processing.
5. The method of claim 1, wherein determining the quality indicator value comprises:
 - analyzing the amount of processing and processed data;
 - determining a class based on the analyzed amount of processing and processed data; and
 - assigning at least one quality indicator value based on the determined class.
6. The method of claim 2, further comprising:
 - processing the input data through the scalable media algorithms based on the distributed assets;
 - determining at least one new quality indicator value associated with each scalable media algorithm based on the processing for each scalable media algorithm; and

redistributing assets to each algorithm based on the new quality indicator value.

7. The method of claim 1, further comprising:
providing at least one predetermined quality level for a plurality of scalable media algorithms; and
allocating assets to each scalable media algorithm based on the predetermined quality level.

8. The method of claim 7, wherein the predetermined quality level is based on a user defined input.

9. The method of claim 1, wherein the scalable media algorithm is selected from a group consisting of: a scalable video algorithm, a scalable graphics algorithm, and scalable audio algorithm.

10. A computer readable medium storing a computer program comprising:
computer readable code for receiving input data into at least one scalable media algorithm;
computer readable code for processing the input data through at least one scalable media algorithm; and
computer readable code for determining at least one quality indicator value, for an amount of data processed, associated with each scalable media algorithm based on the processing for the scalable media algorithm.

11. The computer readable medium of claim 10, further comprising:
computer readable code for distributing assets to the algorithm based on the quality indicator values.

12. The computer readable medium of claim 10, wherein the computer readable code for determining at least one quality indicator value associated with the scalable media algorithm is based on the amount of processing and processed data.

13. The computer readable medium of claim 10, wherein the processing is priority processing.

14. The computer readable medium of claim 10, wherein the computer readable code for determining the quality indicator value comprises:

computer readable code for analyzing the amount of processing and processed data;

computer readable code for determining a class based on the analyzed amount of processing and processed data; and

computer readable code for assigning at least one quality indicator value based on the determined class.

15. The computer readable medium of claim 11, further comprising:

computer readable code for processing the input data through the scalable video algorithms based on the distributed assets;

computer readable code for determining at least one new quality indicator value associated with each scalable video algorithm based on the processing for each scalable video algorithm; and

computer readable code for redistributing assets to each algorithm based on the new quality indicator value.

16. The computer readable medium of claim 10, further comprising:

computer readable code for providing at least one predetermined quality level for a plurality of scalable media algorithms; and

computer readable code for allocating assets to each scalable media algorithm based on the predetermined quality level.

17. The computer readable medium of claim 16, wherein the predetermined quality level is based on a user defined input.

18. The computer readable medium of claim 10, wherein the scalable media algorithm is selected from a group consisting of: a scalable video algorithm, a scalable graphics algorithm, and scalable audio algorithm.

19. A system for controlling asset allocation of a consumer terminal, the system comprising:

means for receiving input data into at least one scalable media algorithm;

means for processing the input data through at least one scalable media algorithm; and

means for determining at least one quality indicator value, for an amount of data processed, associated with each scalable media algorithm based on the processing for each scalable media algorithm.

20. The system of claim 19, further comprising:

means for distributing assets to the algorithm based on the quality indicator value.